SWP Water Quality Summary

March 10, 2005

Total Dissolved Solids: TDS at all locations remained above the Article 19 Ten Year Average Objective of 220 mg/l except at Barker Slough. There was a decrease in TDS at Checks 29, 41 and Devil Canyon. The highest increase of 56.4 mg/l occurred at Barker Slough while the lowest concentration of 7.7 mg/l was at Banks Pumping Plant.

Bromide concentrations: Bromide slightly increased at Banks Pumping Plant (BPP), Barker Slough and Vallecitos. The highest concentration of 0.25 mg/l occurred at BPP while Barker Slough had the lowest concentration of 0.05 mg/l, both on March 10, 2005. All the locations were above CBDA concentration of 0.05 mg/l except Barker Slough.

Turbidity: Turbidity increased at BPP, Checks 29, Devil Canyon and Vallecitos. All locations had turbidity concentrations below 20 NTU, except Barker Slough, which has a high of 57 NTU, which occurred on March 10, 200.

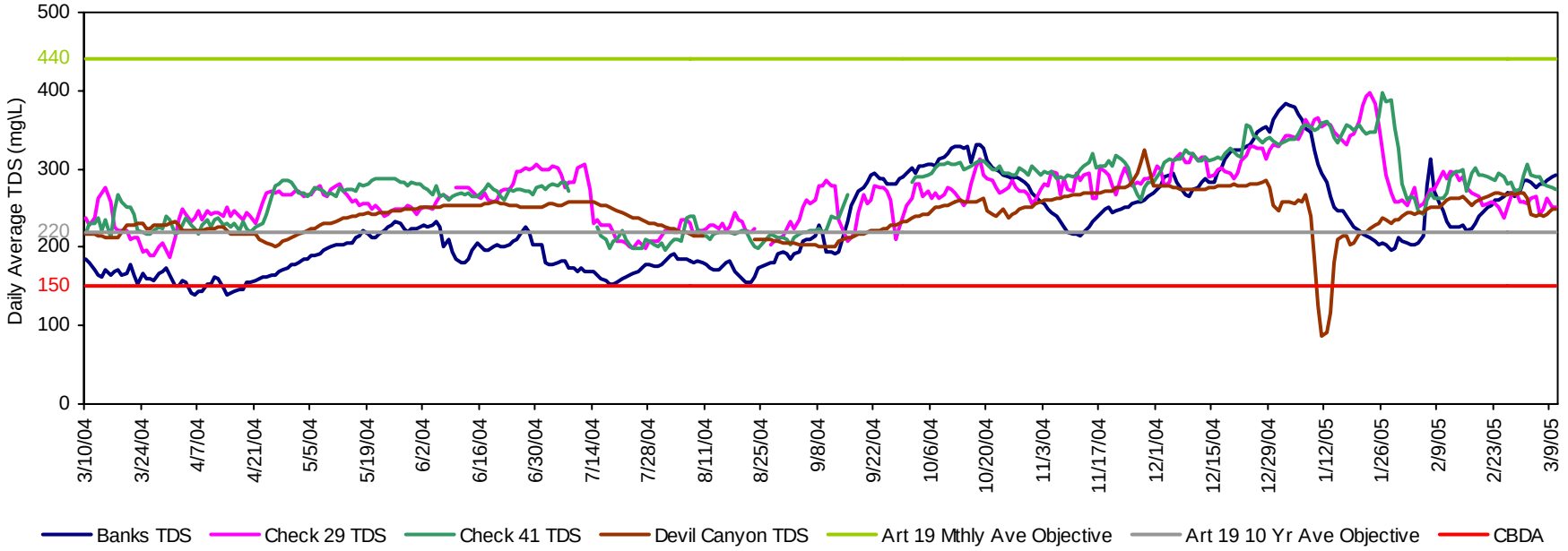
Dissolved Organic Carbon: DOC concentrations in Banks Pumping Plant and Check 13 were above CALFED TOC Objective of 3 mg/l. The concentrations at BPP and Check 13 decreased from 6.9 to 6.7 mg/l and 6.2 to 5.7 mg/l from March 3 to 10 , 2005, respectively.

Taste and Odor Compounds: MIB and geosmin were low in Clifton Court, BPP, South Bay Aqueduct at Del Valle Check 7 and Lake Del Valle Outlet. Their concentrations ranged from non-detect to 4 ng/l.

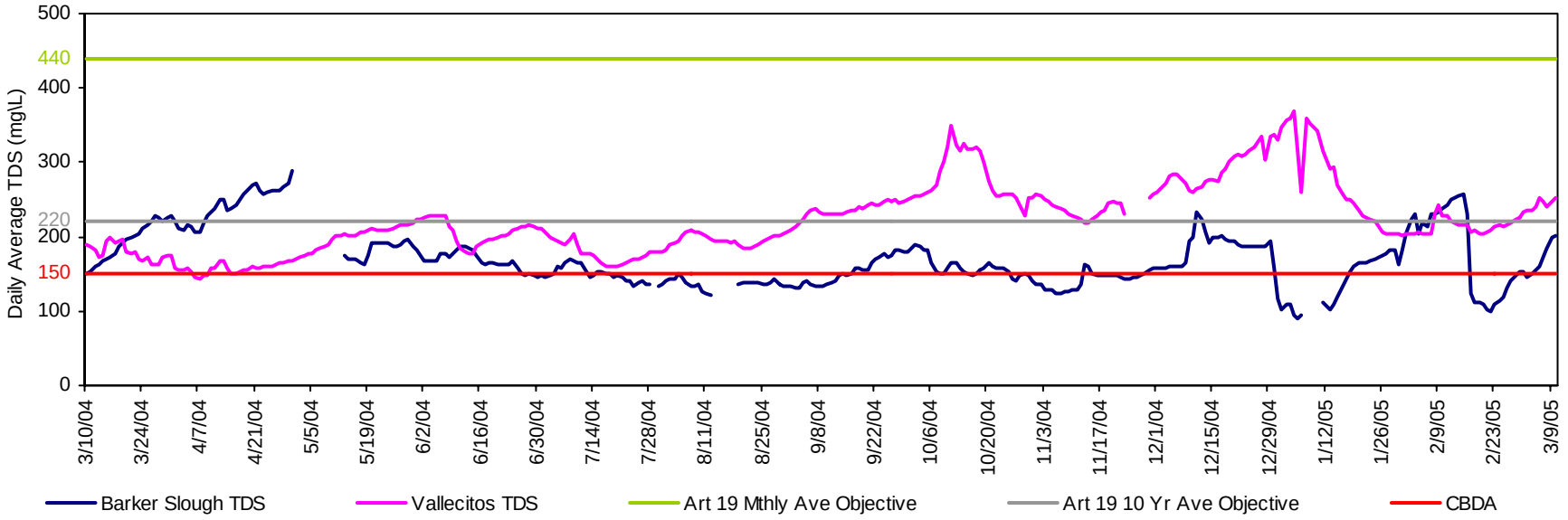
Ground Water Pump-in: No ground water pump-in.

For more information refer to: http://wwwomwq.water.ca.gov and
http://wwwdpla.ca.gov/supply/sampling/mwq/main.htm

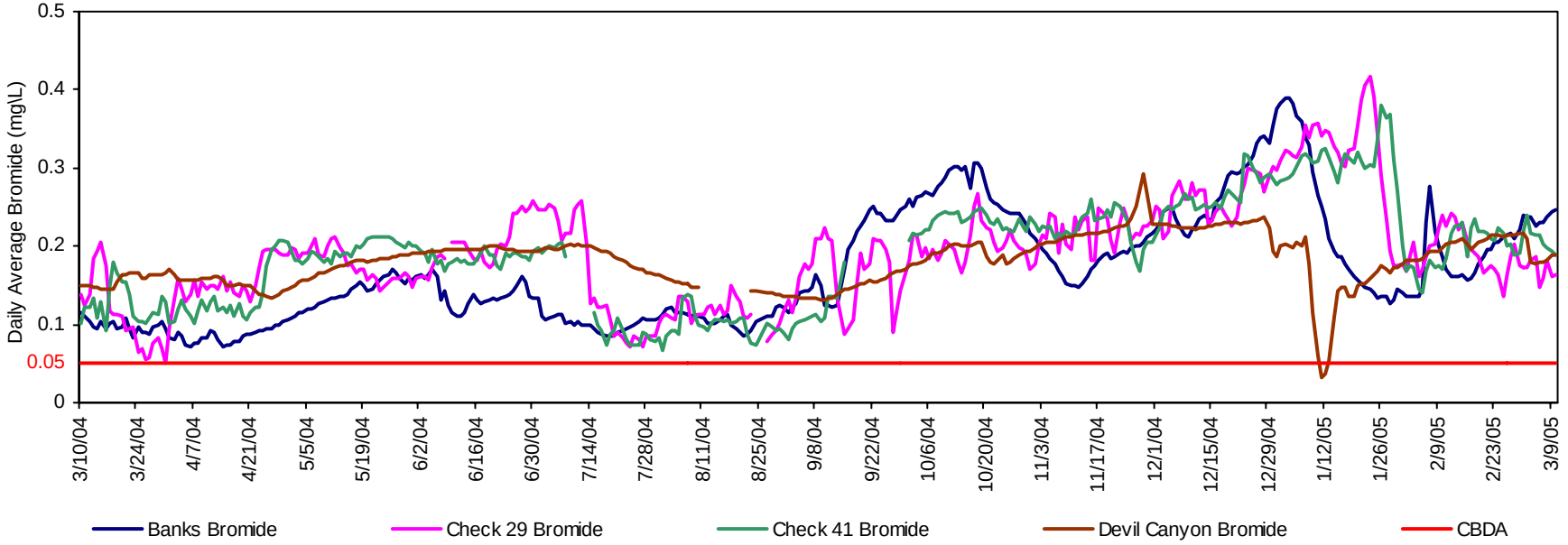
California Aqueduct - Calculated Total Dissolved Solids



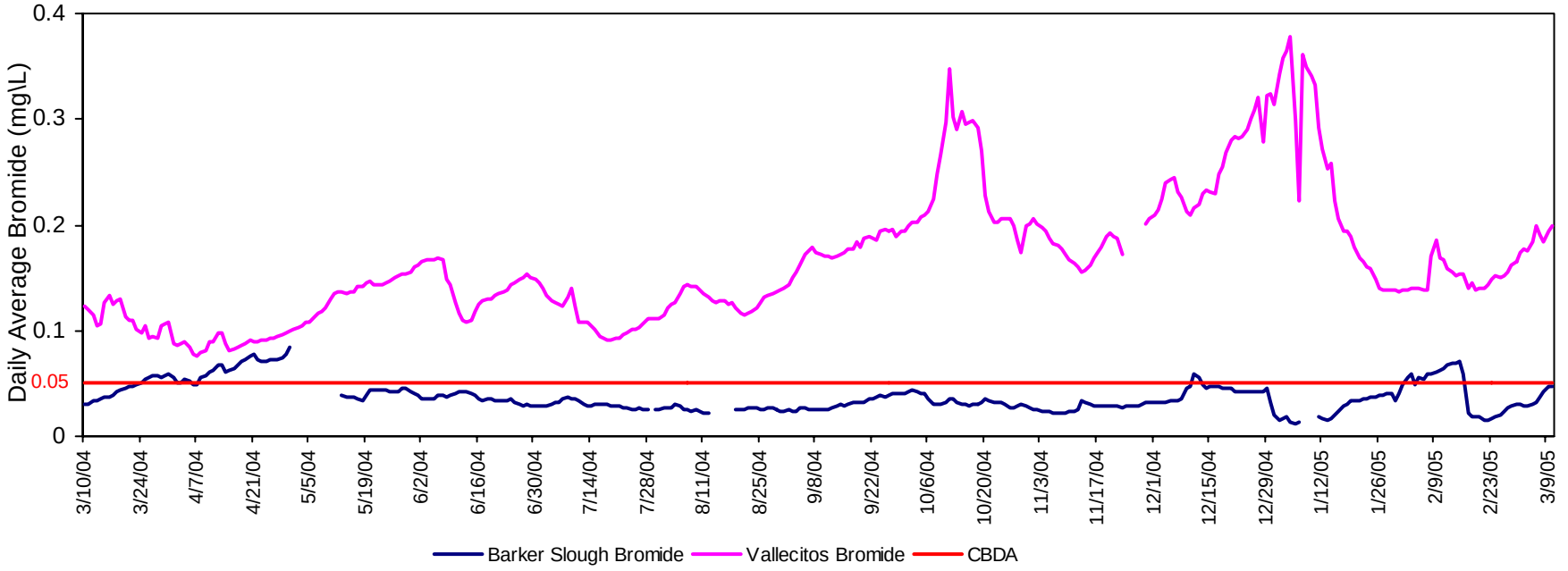
North and South Bay Aqueduct - Calculated Total Dissolved Solids



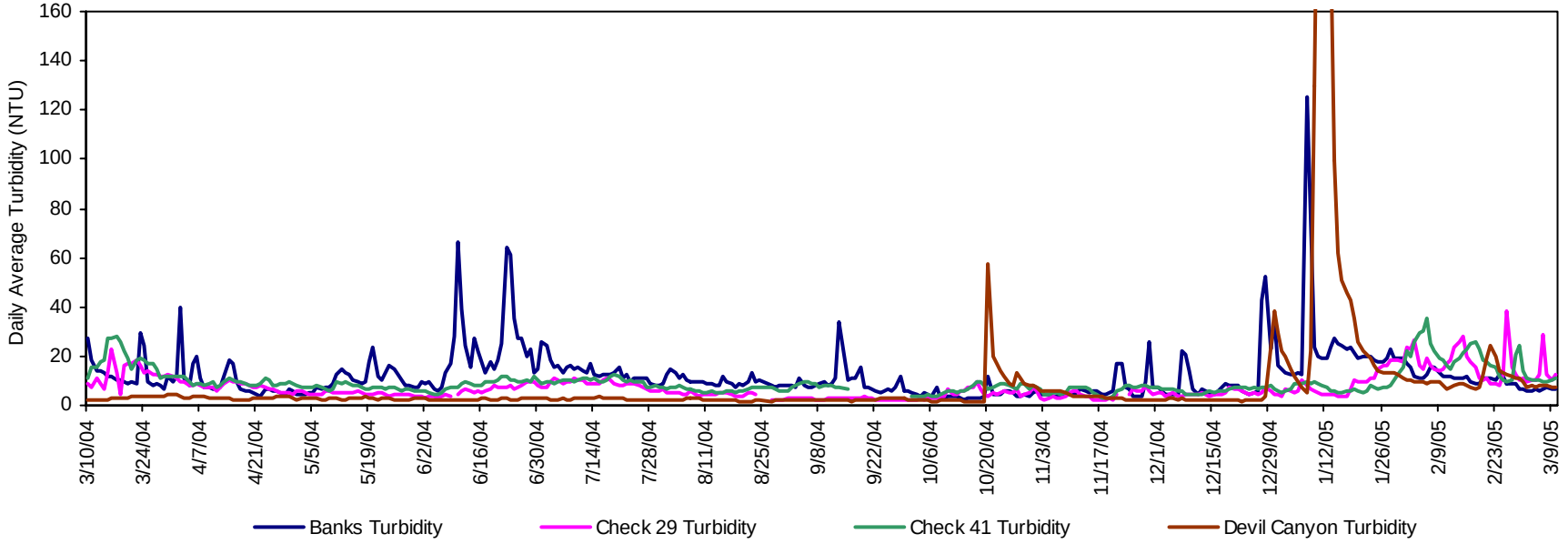
California Aqueduct - Calculated Bromide



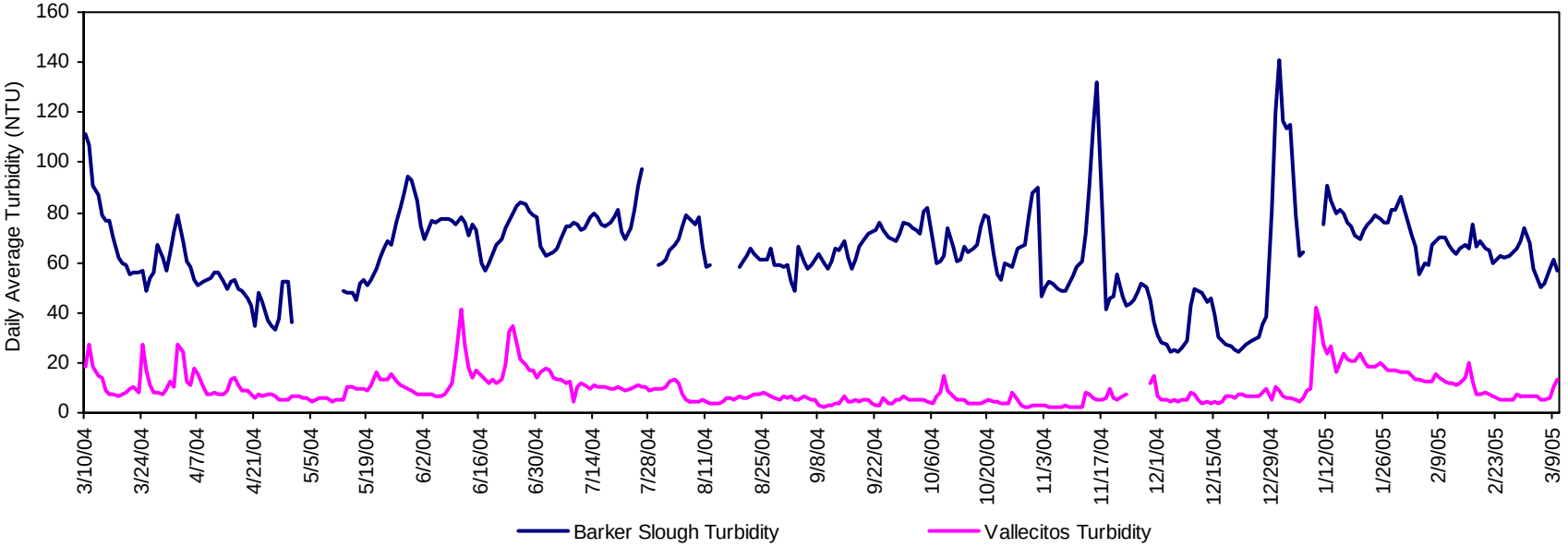
North and South Bay Aqueduct - Calculated Bromide

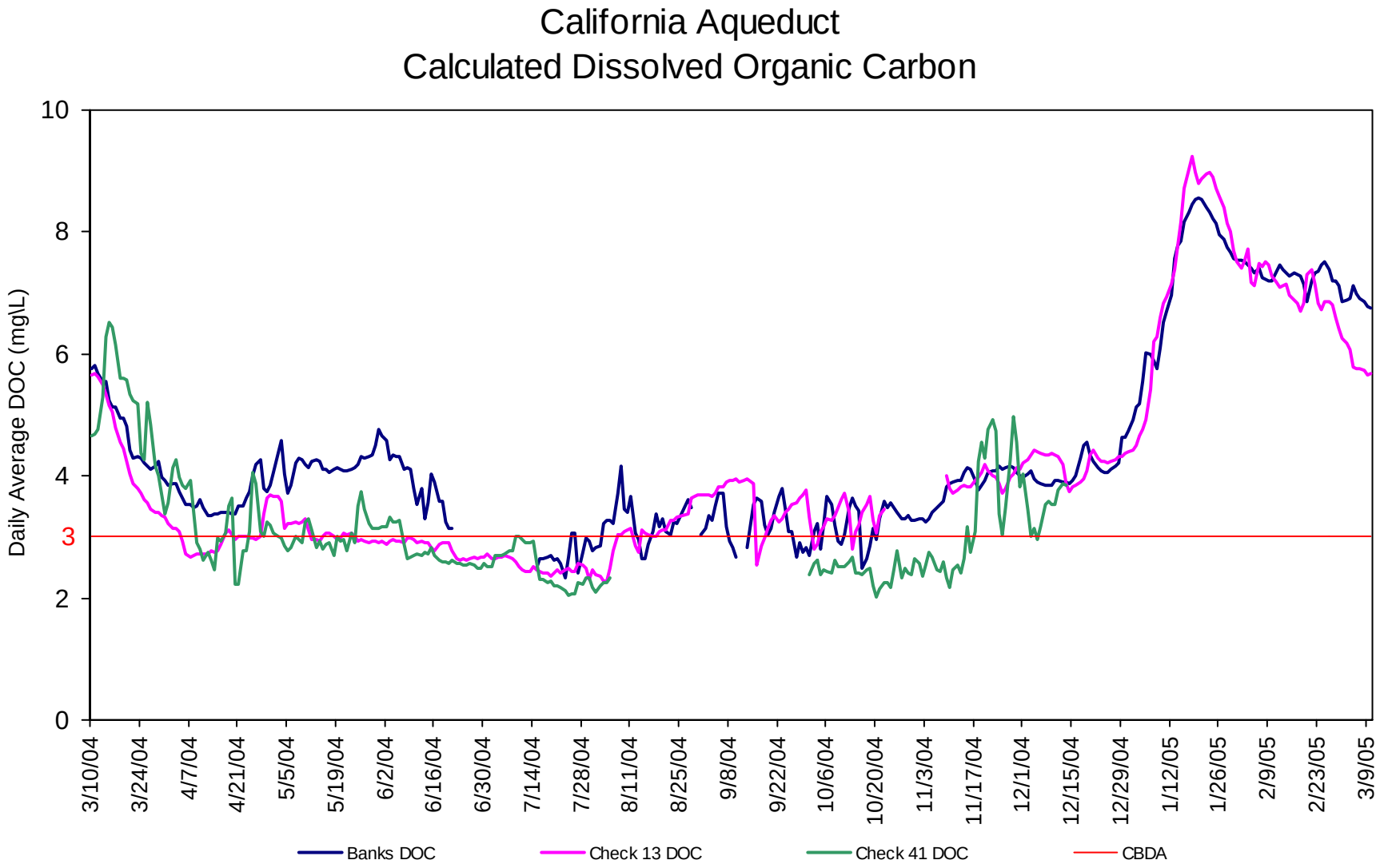


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
10
8
6
4
3
2
0
3/10/04
3/24/04
4/7/04
4/21/04
5/5/04
5/19/04
6/2/04
6/16/04
6/30/04
7/14/04
7/28/04
8/11/04
8/25/04
9/8/04
9/22/04
10/6/04
10/20/04
11/3/04
11/17/04
12/1/04
12/15/04
12/29/04
1/12/05
1/26/05
2/9/05
2/23/05
3/9/05
Banks DOC
Check 13 DOC
Check 41 DOC
CBDA